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**Mallard North Landfill  
Proposed Goals / Objectives**

DRAFT FOR DISCUSSION ON 9/28

### Long-Term Goals

*Maximize*

- A) 100% landfill gas collection to control methane migration / releases; *using Best Available Technologies* *Beyond Points of Compliance*
- B) No off site detections of methane *Outside the Solid Waste Boundary* *(Beyond Property Line Level)*
- C) No off site releases of leachate *Leachate Soaps of Site*
- D) Groundwater monitoring to detect potential releases *(STD Monitoring Program, Current Conditions, Regime Monitoring)*
- E) Long term operations, maintenance and monitoring to ensure engineering controls are effective *Leachate Gas Systems*
- F) Compliance with all applicable regulations and permitting requirements

*→ USEPA, IEDA, Un-authorized Discharge (Surfacewater Site)*

### Remedial Objectives

- 1) Construct gas collection system to control off site migration
- 2) Monitor off site for gas to ensure methane levels are < 2.5%
- 3) Capture and remove off site methane originating from the site where concentrations exceed 2.5%
- 4) Establish leachate management system to control releases
- 5) Repair / improve cap to prevent infiltration and enhance gas recovery *Minimize*
- 6) Conduct groundwater monitoring to detect potential releases
- 7) Develop O&M plan to maintain cap, leachate & gas collection systems, and run-on/run-off controls *Minimize*
- 8) Secure site to better prevent public access, prevent tampering & vandalism
- 9) Use green or alternative technologies where feasible and practicable

*→ Fast District well evaluate  
Use of existing GR Sparsely off the top corner BFT  
also the same with Leachate*

**MALLARD NORTH LANDFILL  
COORDINATION MEETING  
SEPTEMBER 28, 2009**

**AGENDA**

**10:00      Introductions**

DuPage FPD Joe Benedict  
RMT Jason A.  
DuPage SW Amy Hinz  
Illinois EPA Paul Russofore, Chuck Czajkowski, Tom Lewes  
US EPA Region 5 Vicki Farquhar Hassen, Research  
Western Solutions? Oleg Salo

**10:10      Overview of Proposed Long Term Goals & Remedial Objectives**

(See back side of agenda)

**10:20      Discussion**

**GOAL: Achieve consensus on Goals / Objectives**

**11:00      Next Steps / Time line**

Integration of current outstanding work plans

Agency coordination Walter [unclear], Jacobs

Due dates → Expanded Gas Collection System

Future Meetings → Full Landfill Contract Correction

• Action Plan

[DuPage Forest Meeting]

• Emergency Oct 6

Submit an application

→ 104(e) to DuPage Forest

30" borehole  
8"

act 8<sup>th</sup>

**11:30      Adjourn**

CD Expanded  
Work Plan

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